ABSTRACT OF THE DISCLOSURE

A color correction method includes producing a device gamut boundary surface, performing a gamut mapping process, and performing a color inverse transformation process. The device gamut boundary surface in a device independent color space is defined by a set of gamut descriptors. A gamut mapping direction is determined in consideration of the size of a gamut to be mapped. A target color space value and a source color space value are expressed in a device dependent color space. A color inverse transformation is provided by using linear interpolation in a triangle in a two-dimensional space. Triangles are formed by a Delaunay triangulation algorithm.